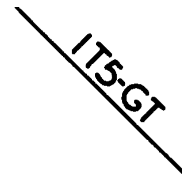




1T5-GT

BEAM POWER AMPLIFIER

Filament	Coated	
Voltage	1.4	d-c volts
Current	0.05	amp.
Direct Interelectrode Capacitances (Approx.):°		
Grid to Plate	0.5	μμf
Input	4.8	μμf
Output	8.0	μμf
Maximum Overall Length		3-5/16"
Maximum Seated Height		2-3/4"
Maximum Diameter		1-5/16"
Bulb		T-9
Base		Intermediate Shell Octal 7-Pin

Pin 1 - No Connection
Pin 2 - Filament +
Pin 3 - Plate
Pin 4 - Grid #2
Pin 5 - Grid #1
Pin 7 - Filament -
Pin 8 - No Connection

Mounting Position: Any

BOTTOM VIEW (G-6X)

Maximum Ratings Are Design-Center Values

AMPLIFIER

Plate Voltage	110 max.	volts
Screen Voltage (Grid No.2)	110 max.	volts
Total Zero-Sig. Cathode Current	7.3 max.	ma.

Typical Operation and Characteristics - Class A_1 Amplifier:

	Fixed Bias	*Cathode Bias*	
Plate Voltage	90	84	volts
Screen Voltage	90	84	volts
Grid Voltage	-6	-6	volts
Peak A-F Grid Voltage	6	6	volts
Zero-Sig. Plate Current	6.5	5.4	ma.
Max.-Sig. Plate Current	6.5	5.5	ma.
Zero-Sig. Screen Current	0.8	0.6 approx.	ma.
Max.-Sig. Screen Current	1.5	1.5 approx.	ma.
Plate Resistance	250000	250000 approx.	ohms
Transconductance	1150	1050	μmhos
Load Resistance	14000	14000	ohms
Total Harmonic Dist.	7.5	7.5	%
Power Output	170	145	mw

° With no external shield.

← Indicates a change.